



2154 \$

920476-907479

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In the application of** : Chris E. Wallace  
**Serial No.** : 10/051,930  
**Filed** : January 18<sup>th</sup>, 2002  
**For** : Determining Connectivity in Communication Networks  
**Examiner** : Ramsay Refai  
**Art Unit** : 2154  
**Customer number** : 23644

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on June 22, 2005.

Name of person signing Minnie Wilson  
Signature: Minnie Wilson

**RESPONSE TO OFFICE ACTION MAILED MARCH 24, 2005**

Honorable Director of Patents and Trademarks  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir,

In response to the Office Action mailed March 24, 2005, it is requested that the application be amended as follows:

06/27/2005 DEMMANU1 00000033 10051930

01 FC:1201

400.00 OP

Doc Code:

JUN 24 2005

PTO/SB/17 (12-04v2)

Approved for use through 07/31/2006. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL for FY 2005

 Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$ **\$400.00**)

**Complete if Known**

|                      |                  |
|----------------------|------------------|
| Application Number   | 10/051,930       |
| Filing Date          | January 18, 2002 |
| First Named Inventor | Chris E. Wallace |
| Examiner Name        | Ramsay Refai     |
| Art Unit             | 2154             |
| Attorney Docket No.  | 920476-907479    |

**METHOD OF PAYMENT** (check all that apply)

Check  Credit Card  Money Order  None  Other (please identify): \_\_\_\_\_  
 Deposit Deposit Account Number: 12-0913 Deposit Account Name: Barnes & Thornburg

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below  Charge fee(s) indicated below, except for the filing fee  
 Charge any additional fee(s) or any underpayment of fee(s) under 37 CFR 1.16 and 1.17  Credit any overpayments

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**FEE CALCULATION**
**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

| Application Type | FILING FEES |                       | SEARCH FEES |                       | EXAMINATION FEES |                       |                |
|------------------|-------------|-----------------------|-------------|-----------------------|------------------|-----------------------|----------------|
|                  | Fee (\$)    | Small Entity Fee (\$) | Fee (\$)    | Small Entity Fee (\$) | Fee (\$)         | Small Entity Fee (\$) | Fees Paid (\$) |
| Utility          | 300         | 150                   | 500         | 250                   | 200              | 100                   |                |
| Design           | 200         | 100                   | 100         | 50                    | 130              | 65                    |                |
| Plant            | 200         | 100                   | 300         | 150                   | 160              | 80                    |                |
| Reissue          | 300         | 150                   | 500         | 250                   | 600              | 300                   |                |
| Provisional      | 200         | 100                   | 0           | 0                     | 0                | 0                     |                |

**2. EXCESS CLAIM FEES**
**Fee Description**

Each claim over 20 (including Reissues)

| Fee (\$) | Small Entity Fee (\$) |
|----------|-----------------------|
|----------|-----------------------|

|    |    |
|----|----|
| 50 | 25 |
|----|----|

Each independent claim over 3 (including Reissues)

|     |     |
|-----|-----|
| 200 | 100 |
|-----|-----|

Multiple dependent claims

|     |     |
|-----|-----|
| 360 | 180 |
|-----|-----|

**Total Claims**
**Extra Claims**

Fee (\$)

Fee Paid (\$)

| Fee (\$) | Small Entity Fee (\$) |
|----------|-----------------------|
|----------|-----------------------|

10 - 20 or HP = 0 x \$50.00 = \$0.00

|    |    |
|----|----|
| 50 | 25 |
|----|----|

HP = highest number of total claims paid for, if greater than 20.

**Indep. Claims**
**Extra Claims**

Fee (\$)

Fee Paid (\$)

| Fee (\$) | Multiple Dependent Claims |
|----------|---------------------------|
|----------|---------------------------|

5 - 3 or HP = 2 x \$200.00 = \$400.00

|     |     |
|-----|-----|
| 200 | 100 |
|-----|-----|

HP = highest number of independent claims paid for, if greater than 3.

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listing under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

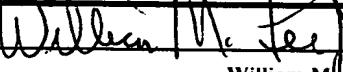
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof | Fee (\$)   | Fee Paid (\$) |
|--------------|--------------|--------------------------------------------------|------------|---------------|
| _____        | - 100 = 0    | / 50 0 (round up to a whole)                     | x \$250.00 | = \$0.00      |

**4. OTHER FEE(S)**

Non-English specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): \_\_\_\_\_

**SUBMITTED BY**

|                   |                                                                                     |                                      |        |               |              |
|-------------------|-------------------------------------------------------------------------------------|--------------------------------------|--------|---------------|--------------|
| Signature         |  | Registration No.<br>(Attorney/Agent) | 26,935 | Telephone     | 312-214-4800 |
| Name (Print/Type) | William M. Lee, Jr.                                                                 |                                      | Date   | June 22, 2005 |              |

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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